

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (currently amended) An insertion device for inserting into an eye a deformable intraocular lens in which at least an optical portion is formed of an elastic material having predetermined memory characteristics or a deformable intraocular lens in which at least an optical portion is formed of an elastic material having predetermined memory characteristics and which has a supporting portion for supporting the optical portion within the eye, wherein said insertion device comprises an enclosing member ~~having an open position for receiving and holding~~ the deformable intraocular lens and a ~~closed position for holding the deformable intraocular lens in an enclosed~~ manner, wherein at least only a peripheral edge portion of the deformable intraocular lens is engaged with said enclosing member when the deformable intraocular lens is ~~placed received~~ in the enclosing member and the enclosing member is in the open position, wherein the optical portion of the deformable intraocular lens substantially does not come into contact with the enclosing member when the enclosing member is in the open position, and wherein the deformable intraocular lens is deformed into a smaller size when the deformable intraocular lens is in the enclosing member and the enclosing member is closed from the open position to the closed position.

2. (original) An insertion device for a deformable intraocular lens according to claim 1, wherein said peripheral

edge portion of the lens is an outer circumferential edge of the optical portion of the lens.

3. (original) An insertion device as claimed in claim 2, wherein said enclosing member is separated from a body of said insertion device, and said enclosing member engages said body when the deformable intraocular lens is inserted into the eye.

4. (original) An insertion device for a deformable intraocular lens according to claim 1, wherein said enclosing member is separated from a body of said insertion device, and engages said body when the deformable intraocular lens is inserted into the eye.

5. (original) An insertion device as claimed in claim 1, wherein said enclosing member has grooves on an inner surface in order to receive and hold the deformable intraocular lens.

6. (original) An insertion device as claimed in claim 1, wherein said insertion device further comprises a holder for closing the enclosing member and maintaining the enclosing member in the closed position.

7. (original) An insertion device as claimed in claim 6, wherein said insertion device further comprises a body, and

wherein said enclosing member and said holder are integrally built in said body.

8. (original) An insertion device as claimed in claim 6, wherein said enclosing member is an independent part.

9. (original) An insertion device as claimed in claim 6, wherein said holder is an independent part.

10. (original) An insertion device as claimed in claim 6, wherein said insertion device further comprises a body that is connected to said enclosing member and said holder, wherein said enclosing member and said holder are integrated together and are separated from said body.

11. (original) An insertion device as claimed in claim 6, wherein said enclosing member and said holder are transparent.

12. (original) An insertion device as claimed in claim 6, wherein said enclosing member is transparent and said holder has an opening serving as an observation window.

13. (original) An insertion device as claimed in claim 1, wherein said enclosing member is transparent.

14. (original) An insertion device as claimed in claim 1, wherein the enclosing member has grooves, wherein the peripheral edge of the deformable intraocular lens engages the grooves and the grooves support the deformable intraocular lens when the deformable intraocular lens is in the enclosing member and the enclosing member is in the open position, whereby the optical portion of the deformable intraocular lens substantially does not come into contact with the enclosing member when the enclosing member is in the open position.

15. (original) An insertion device as claimed in claim 14, wherein the grooves having converging portions which are formed at front and rear sides of the grooves with respect to a pushing direction and which have a shape corresponding to a shape of the deformable intraocular lens.

16. (original) An insertion device as claimed in claim 14, wherein the insertion device further comprises an insertion tube connected to the enclosing member, wherein the enclosing member has a front portion closest to the insertion tube and a rear portion farthest from the insertion tube, wherein the grooves have converging portions which are formed toward the front portion and the rear portion of the enclosing member, and wherein the converging portions have a shape corresponding to a shape of the deformable intraocular lens.

17. (original) An insertion device as claimed in claim 1, wherein the enclosing member comprises at least two hinge portions, wherein the optical portion of the deformable intraocular lens substantially does not come into contact with the hinge portions when the deformable intraocular lens is in the enclosing member and the enclosing member is in the open position.

18. (original) An insertion device as claimed in claim 1, wherein the enclosing member comprises hinge portions at two circumferential positions, wherein the optical portion of the deformable intraocular lens substantially does not come into contact with the hinge portions when the deformable intraocular lens is in the enclosing member and the enclosing member is in the open position.

19. (original) An insertion device as claimed in claim 1, wherein the enclosing member comprises at least two hinge portions for opening and closing the enclosing member, wherein the enclosing member has grooves, wherein the peripheral edge of the deformable intraocular lens engages the grooves and the grooves support the deformable intraocular lens when the deformable intraocular lens is in the enclosing member and the enclosing member is in the open position, whereby the optical portion of the deformable intraocular lens substantially does not come into contact with the hinge portions when the enclosing member is in the open position.

20. (original) An insertion device as claimed in claim 1, wherein the enclosing member comprises hinge portions at two circumferential positions for opening and closing the enclosing member, wherein the enclosing member has grooves, wherein the peripheral edge of the deformable intraocular lens engages the grooves and the grooves support the deformable intraocular lens when the deformable intraocular lens is in the enclosing member and the enclosing member is in the open position, whereby the optical portion of the deformable intraocular lens substantially does not come into contact with the hinge portions when the enclosing member is in the open position.

21. (original) An insertion device for inserting into an eye a deformable intraocular lens in which at least an optical portion is formed of an elastic material having predetermined memory characteristics or a deformable intraocular lens in which at least an optical portion is formed of an elastic material having predetermined memory characteristics and which has a supporting portion for supporting the optical portion within the eye, said insertion device comprising:

(a) a body comprising an enclosing member, wherein the enclosing member has an open position for receiving the deformable intraocular lens and a closed position for holding the deformable intraocular lens in an enclosed manner; and

(b) a holder slidably connected to the body;

wherein the deformable intraocular lens is deformed into a smaller size when the deformable intraocular lens is in the enclosing member and the enclosing member is closed from the

open position to the closed position; and

wherein when the holder is slid toward or over the enclosing member, the holder closes the enclosing member from the open position to the closed position.

22. (original) An insertion device as claimed in claim 21, wherein said enclosing member and said holder are transparent.

23. (original) An insertion device as claimed in claim 21, wherein said enclosing member is transparent and said holder has an opening serving as an observation window.

24. (original) An insertion device as claimed in claim 21, wherein said enclosing member is transparent.

25. (original) An insertion device as claimed in claim 21, wherein when the holder is slid toward or over the enclosing member, the holder contacts the enclosing member and gradually closes the enclosing member from the open position to the closed position and then maintains the enclosed member in the closed position.

26. (original) An insertion device as claimed in claim 25, wherein at least a peripheral edge portion of the deformable intraocular lens is engaged with said enclosing member when the

deformable intraocular lens is placed in the enclosing member and the enclosing member is in the open position, wherein the optical portion of the deformable intraocular lens substantially does not come into contact with the enclosing member when the enclosing member is in the open position.

27. (original) An insertion device as claimed in claim 26, wherein the enclosing member has grooves, wherein the peripheral edge of the deformable intraocular lens engages the grooves and the grooves support the deformable intraocular lens when the deformable intraocular lens is in the enclosing member and the enclosing member is in the open position, whereby the optical portion of the deformable intraocular lens substantially does not come into contact with the enclosing member when the enclosing member is in the open position.

28. (original) An insertion device as claimed in claim 26, wherein the enclosing member comprises at least two hinge portions, wherein the optical portion of the deformable intraocular lens substantially does not come into contact with the hinge portions when the deformable intraocular lens is in the enclosing member and the enclosing member is in the open position.

29. (original) An insertion device as claimed in claim 26, wherein the enclosing member comprises hinge portions at two circumferential positions, wherein the optical portion of the deformable intraocular lens substantially does not come into

contact with the hinge portions when the deformable intraocular lens is in the enclosing member and the enclosing member is in the open position.

30. (original) An insertion device as claimed in claim 26, wherein the enclosing member comprises at least two hinge portions for opening and closing the enclosing member, wherein the enclosing member has grooves, wherein the peripheral edge of the deformable intraocular lens engages the grooves and the grooves support the deformable intraocular lens when the deformable intraocular lens is in the enclosing member and the enclosing member is in the open position, whereby the optical portion of the deformable intraocular lens substantially does not come into contact with the hinge portions when the enclosing member is in the open position.

31. (original) An insertion device as claimed in claim 26, wherein the enclosing member comprises hinge portions at two circumferential positions for opening and closing the enclosing member, wherein the enclosing member has grooves, wherein the peripheral edge of the deformable intraocular lens engages the grooves and the grooves support the deformable intraocular lens when the deformable intraocular lens is in the enclosing member and the enclosing member is in the open position, whereby the optical portion of the deformable intraocular lens substantially does not come into contact with the hinge portions when the enclosing member is in the open position.

32. (original) An insertion device as claimed in claim 21, wherein at least a peripheral edge portion of the deformable intraocular lens is engaged with said enclosing member when the deformable intraocular lens is placed in the enclosing member and the enclosing member is in the open position, wherein the optical portion of the deformable intraocular lens substantially does not come into contact with the enclosing member when the enclosing member is in the open position.

33. (original) An insertion device as claimed in claim 32, wherein the enclosing member has grooves, wherein the peripheral edge of the deformable intraocular lens engages the grooves and the grooves support the deformable intraocular lens when the deformable intraocular lens is in the enclosing member and the enclosing member is in the open position, whereby the optical portion of the deformable intraocular lens substantially does not come into contact with the enclosing member when the enclosing member is in the open position.

34. (original) An insertion device as claimed in claim 32, wherein the enclosing member comprises at least two hinge portions, wherein the optical portion of the deformable intraocular lens substantially does not come into contact with the hinge portions when the deformable intraocular lens is in the enclosing member and the enclosing member is in the open position.

35. (original) An insertion device as claimed in claim 32,

wherein the enclosing member comprises hinge portions at two circumferential positions, wherein the optical portion of the deformable intraocular lens substantially does not come into contact with the hinge portions when the deformable intraocular lens is in the enclosing member and the enclosing member is in the open position.

36. (original) An insertion device as claimed in claim 32, wherein the enclosing member comprises at least two hinge portions for opening and closing the enclosing member, wherein the enclosing member has grooves, wherein the peripheral edge of the deformable intraocular lens engages the grooves and the grooves support the deformable intraocular lens when the deformable intraocular lens is in the enclosing member and the enclosing member is in the open position, whereby the optical portion of the deformable intraocular lens substantially does not come into contact with the hinge portions when the enclosing member is in the open position.

37. (original) An insertion device as claimed in claim 32, wherein the enclosing member comprises hinge portions at two circumferential positions for opening and closing the enclosing member, wherein the enclosing member has grooves, wherein the peripheral edge of the deformable intraocular lens engages the grooves and the grooves support the deformable intraocular lens when the deformable intraocular lens is in the enclosing member and the enclosing member is in the open position, whereby the optical portion of the deformable intraocular lens substantially

does not come into contact with the hinge portions when the enclosing member is in the open position.

38. (new) An insertion device for a deformable intraocular lens according to claim 1, wherein when said enclosing member holds the deformable intraocular lens, only the peripheral edge portion of the deformable intraocular lens is engaged with said enclosing member.

39. (new) An insertion device for a deformable intraocular lens according to claim 1, wherein said enclosing member has an open position for receiving the deformable intraocular lens and a closed position for holding the deformable intraocular lens in an enclosed manner, wherein only the peripheral edge portion of the deformable intraocular lens is engaged with said enclosing member when the deformable intraocular lens is placed in the enclosing member and the enclosing member is in the open position, the optical portion of the deformable intraocular lens substantially does not come into contact with the enclosing member when the enclosing member is in the open position, and the deformable intraocular lens is deformed into a smaller size when the deformable intraocular lens is in the enclosing member and the enclosing member is closed from the open position to the closed position.